A24146

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Smooth Muscle Actin(SMA) Mouse mAb

Catalog No.: A24146 2 Publications

Basic Information

Observed MW

Calculated MW
42kDa

Category
PathoQ IHC Pathology Antibody

Applications
IHC-P

Cross-Reactivity
Human

Clone number
AMC0672

Background

This gene encodes one of six different actin proteins. Actins are highly conserved proteins that are involved in cell motility, structure, integrity, and intercellular signaling. The encoded protein is a smooth muscle actin that is involved in vascular contractility and blood pressure homeostasis. Mutations in this gene cause a variety of vascular diseases, such as thoracic aortic disease, coronary artery disease, stroke, and Moyamoya disease, as well as multisystemic smooth muscle dysfunction syndrome.

Recommended Dilutions

IHC-P	1:100 - 1:200

Immunogen Information

Gene ID
59

Swiss Prot
P62736

Immunogen
Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms
ACTSA

Contact

www.abclonal.com

Product Information

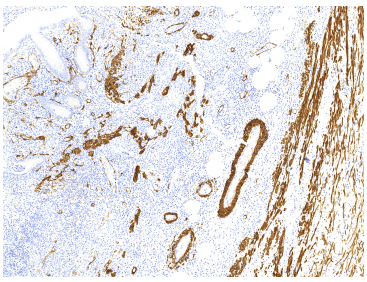
Source
Mouse

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃

Validation Data



Immunohistochemistry analysis of paraffin-embedded Human appendix tissue using Smooth Muscle Actin(SMA) Mouse mAb (A24146) at a dilution of 1:100 (20x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.

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Please visit https://abclonal.com for a complete listing of recommended products.